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# Abbreviations

AB-PMJAY	Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana
AIIMS	All India Institute of Medical Sciences
BPL	Below Poverty Line
CAGR	Cumulative Annual Growth Rate
CD	Communicable Disease
CGHS	Central Government Health Scheme
CVTS	Cardio Vascular & Thoracic Surgery
DCHC	Dedicated Covid Health Centre
DMER	Directorate of Medical Education and Research
ETP	Effluent Treatment Plan
GDP	Gross Domestic Product
GMC	Government Medical College
GoI	Government of India
GoM	Government of Maharashtra
GSDP	Gross State Domestic Product
IFC	International Finance Corporation
LOA	Letter of Award

MJPJAY	Mahatma Jyotirao Phule Jan Arogya Yojana
NABH	National Accreditation Board for Hospital and Healthcare Providers
NCD	Non-communicable disease
NPH	Non-priority household
O&M	Operation and Maintenance
OPD	Outpatient Department
PG	Post-Graduation
PHH	Priority Households
PPP	Public Private Partnership
PMSSY	Pradhan Mantri Swasthya Suraksha Yojna
SSH	Super Specialty Hospital
STP	Sewage Treatment Plant

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# PROJECT CONTEXT AND BACKGROUND



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# State Snapshot – Maharashtra, India

India's richest state -  
Accounts for 14% of  
country's GDP

India's second most  
industrialized state -  
46% of GSDP  
contributed by industry

India's second most  
populous state having  
population of 125  
million growing at a  
CAGR of 1.28%

State capital, Mumbai is  
India's financial and  
commercial capital

## Pradhan Mantri Swasthya Suraksha Yojana (PMSSY)

- ❑ The **Pradhan Mantri Swasthya Suraksha Yojana (PMSSY)** Program was developed to address imbalances in the availability of affordable tertiary healthcare facilities in different parts of India
  - Interventions include Setting up of AIIMS-like institutions; and Up-gradation of existing state Government Medical Colleges (**GMCs**).
- ❑ The Latur Super Specialty Block (**Latur SSH**) was built and equipped under Phase III of the PMSSY and is under the aegis of **Directorate of Medical Education & Research (DMER)**

## Government of Maharashtra's Healthcare Vision 2021-30

- ❑ **Provide affordable and accessible tertiary health care to all by 2030**
  - Building up of super-specialized service blocks
- ❑ **Create quality manpower at all levels of health sector in Maharashtra**
  - Strengthening of Post-Graduate (PG) teaching and creation of skilled specialized manpower in existing government medical colleges (GMCs)
  - Expanding Undergraduate education in existing GMCs and new districts
  - Establishing paramedical and nursing colleges
- ❑ **Medical Education and Drugs Department (MEDD) and DMER are committed to achieving the GoM's Vision 2021-30**

# Need for Healthcare Infrastructure in Maharashtra

## Increase in Urbanization

- Maharashtra is the third most urbanized state in India with about **45% of the population living in urban areas**
- **Urbanization associated health problems** include poor nutrition, pollution-related health conditions, communicable diseases, inadequate sanitation and housing conditions
- Urbanization has resulted in an increase in the demand for healthcare

## Dual Disease Burden

- India has moved from a high communicable disease (CD) burden country to a **country with twin problem of both CD and Non-Communicable Diseases (NCD)**
- **Maharashtra is one of the highest NCD burden states** in India and it contributes to 68.6% of total NCD-attributed deaths in India.
- Dual burden of disease puts pressure on the existing health care facilities and results in need for additional infrastructure requirement

## Ageing Population

- **Population above 60 years is estimated to increase** from 12% in 2021 to 15% by 2031 in Maharashtra
- **Population above 45 age group expected to be 34% by 2031** as compared to current 28% in 2021
- With increase in the ageing population the demand for the healthcare services, especially tertiary treatment, will increase

## Expansion of Gov Health Insurance Coverage

- GoM has announced universal health coverage for the citizens of the State
- GoM has introduced **Mahatma Jyotirao Phule Jan Arogya Yojana (MJPJAY) scheme** to boost the insurance coverage, which has been integrated with the national Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) scheme
- This would improve the accessibility and affordability and increase the demand for healthcare services

# Latur – City Profile

- It is estimated that Latur has a catchment population base of ~4.2 million (42 lakh) mainly dependent on the city for secondary care and few tertiary care services.
  - ~60-65% of the patient inflow is from towns and villages in Latur district and surrounding districts within the range of ~80 kms
  - Patient inflow from the city is only ~25-30% since most patients prefer to travel to major cities for any major health care needs
  - ~5-10% inflow of patients from the border towns and villages of Bidar and Gulbarga district of Karnataka

## Government Healthcare Infrastructure in Latur

- There are estimated ~3,300 beds across public and private hospitals.
- With a limited catchment area dependent on the city for healthcare treatment, Latur has a high population to bed ratio.
- It is estimated that the city still has a deficiency of around 1,200 beds



Source: Census 2011, Population projection Report 2011-2036 ,PwC Analysis

# Mahatma Jyotirao Phule Jan Arogya Yojana (MJPJAY) Scheme

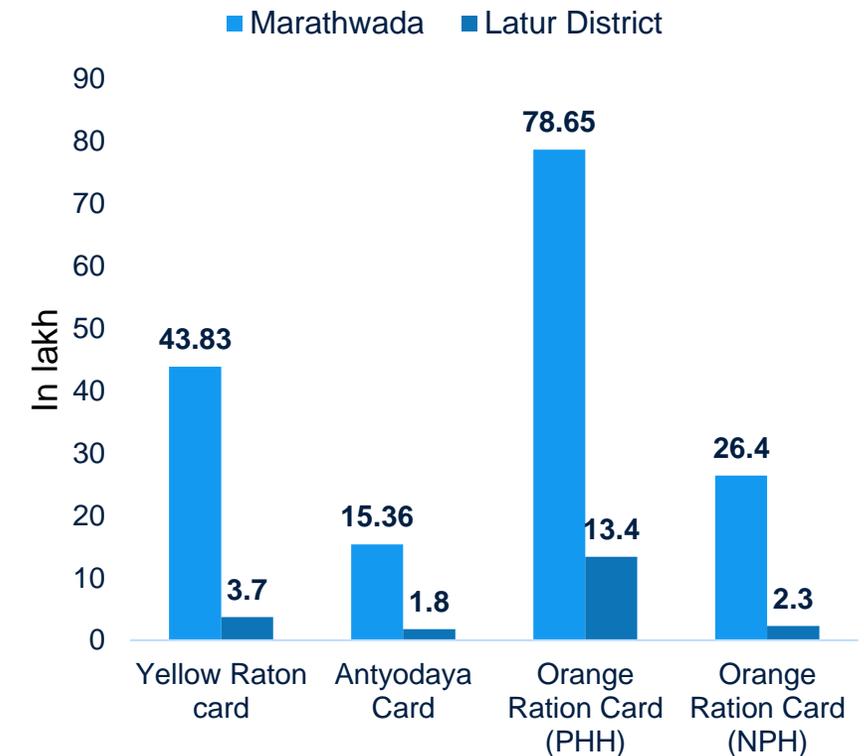
- MJPJAY is a flagship health insurance scheme of GoM providing end to end cashless services through a network of service providers
- The scheme covers hospitalization for Medical and Surgical procedures through cashless treatment for 34 identified specialties
- The scheme has been integrated with the national Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) scheme
- A total of 1,209 Medical and Surgical procedures and 183 follow up procedures are covered through the integrated scheme
- Scheme covers the entire cost of treatment from the date of reporting to the date of discharge from hospital
- ~21.2 lakh people in Latur district are covered under the integrated MJPJAY scheme

\* Yellow card: Families having annual income up to Rs.15,000/-;

\*\* Orange ration card: Families having annual income of Rs.15,001 to 1 lakh.

# Antyodaya Card: Issued to families who do not have a stable source of Income categorized as poorest of the poor

Number of population holding various types of Ration card



The 4 categories of ration card namely Yellow card, Antyodaya, Orange card, and Annapurna card are covered under MJPJAY

Source: Census 2011, Maharashtra Economic Survey Report 2021-22, NFSA portal, PwC Analysis

78% of Latur district population is covered under the MJPJAY scheme

# PROJECT DETAILS



# Latur Super-Specialty Hospital (Latur SSH)

- 242 bed Latur SSH was built by the Ministry of Health & Family Welfare, Government of India (MoHFW) under the PMSSY scheme in 2018
- The facility is a G+4 building, on a 4-acre plot in Latur city (Latur Project Site), 200-300 meters from the Vilasrao Deshmukh Government Medical College campus (GMC Latur).
- The Latur Project Site has its own Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) within the premises
- Several key equipment were also provided to the GMC for operationalizing the new block. The installation of some of these equipment is pending
- Some of the uninstalled equipment have been shifted to the respective area whereas some of the equipment are stored on the ground floor in the consulting area on one side.
- Wards and ICU were made operational under GMC Latur to respond to the COVID-19 pandemic. Super-specialty services, for which the block was built, have not commenced



General ward beds on 1<sup>st</sup> and 2<sup>nd</sup> floor

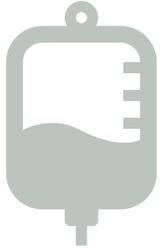
# Project Description & Scope

- **DMER intends to select a Private Operator for the Operation & Maintenance of the Latur SSH** to provide super specialty treatments predominately targeted at patients covered under MJPJAY
- The Operator will be expected to independently operate the Latur SSH for a 15 year period (Project Term).
- The Operator will deliver clinical and diagnostic services by engaging the necessary specialists and staff, operate and maintain Latur SSH building and ancillary facilities and manage and maintain the equipment provided under PMSSY.
- DMER will prescribe **some mandatory specialties to be delivered at the Latur SSH**. The Operator may provide additional specialties
- The Operator will be provided the medical equipment available on **an as-is-where-is** basis. Any equipment (in addition to that available) will be procured by the Operator as needed.
- The Operator will empanel all specialties under MJPJAY and will commit to minimum **50% Bed Days** for MJPJAY covered patients



# Roles and Responsibilities

## DMER Obligations



Handover of existing medical equipment on a as-is-where-is basis



Appoint Monitoring Agency (till Construction phase) and members of the Coordination Committee



Facilitate necessary approvals for the Operator

## Operator Obligations



Operate and maintain the hospital facility conforming to the minimum super-specialties prescribed by DMER



Manage clinical and non-clinical services including deployment of specialist doctors and support staff

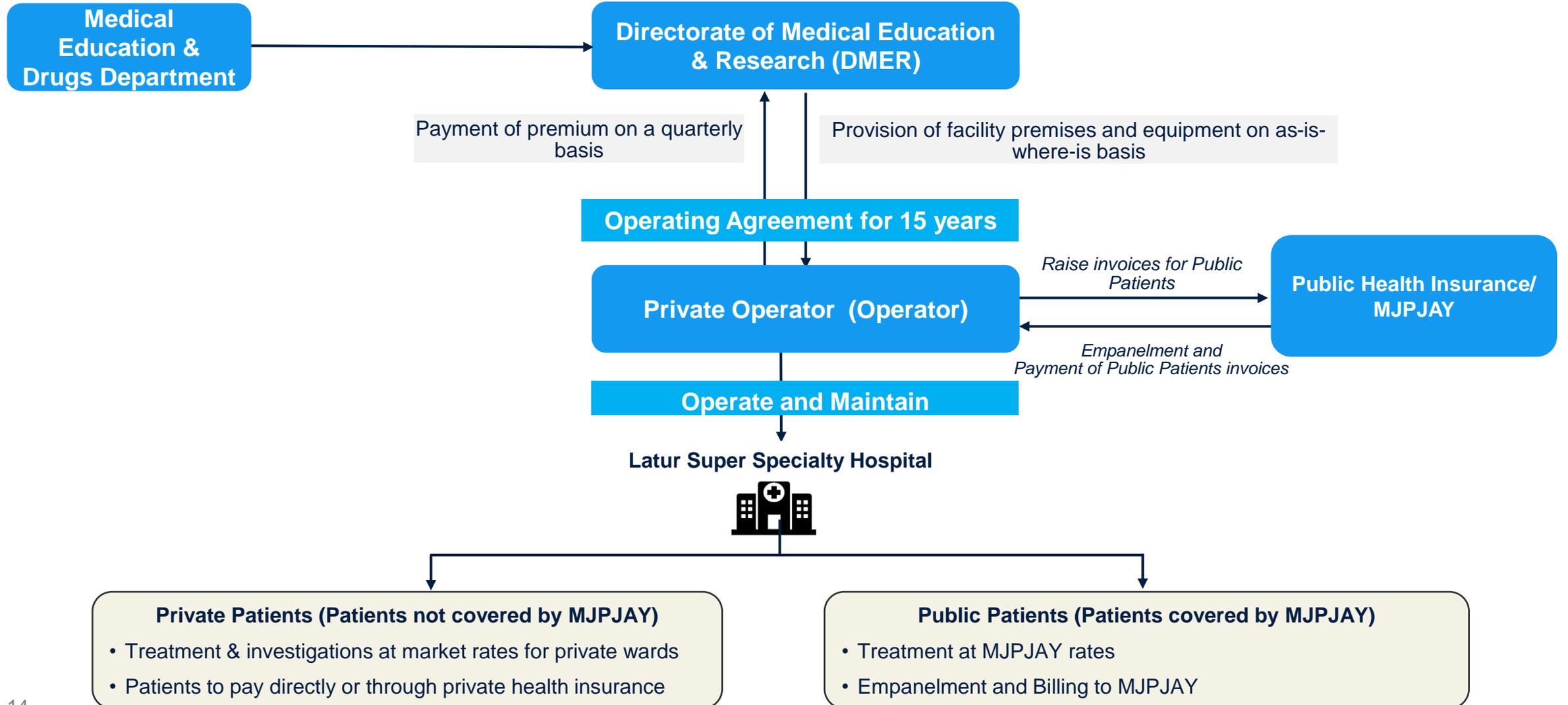


Undertake any incremental investment including capex to equip the facility for providing the chosen specialties



Reserve at least 50% of bed days for Public patients

# Transaction Structure



# Equipment Provided by MoHFW at Latur SSH (Existing Equipment)

<b>Cardiology</b>	Defibrillator with CPR Monitoring and TC Pacing, Defibrillator with ECG Monitor, Echocardiography system with advance 2D facility, High End Echocardiography system (4D Echo), Holter System with Work Station, OCT & FFR Integrated System, Portable Echocardiography system, Single plane cardiovascular catheterisation with digital subtraction angiography lab, TMT machine, Ultrasonic Surgical Aspirator/ Dissceter( CUSA), 12 Channel ECG Machine
<b>CVTS</b>	Electric Operated Sternum System, Heart Lung Machine, Intra-Aortic Balloon Pump, Pulse Oximeter, Suction Machine, Ultrasonic Cautery, ACT Machine, Battery Operated Sternum System, Cell Saver
<b>Neurology / Neurosurgery</b>	Defibrillator with ECG Monitor, EMG-NCV-EP Machine 4 Channel, Endonasal Skullbase Endoscope with Instruments, Endoscope HD camera System with Accessories, General Neurosurgery Instrument Set, High Speed Electrical Drill System, High-End Monitor for ICU with CNS (50) + Central Monitoring System (3), Neurosurgical Operating Microscope, Pulse Oximeter
<b>Nephrology / Urosurgery</b>	Defibrillator with CPR Monitoring and TC Pacing, Dialysis Chair, Dialyzer Reprocessing System, Docking Station (5), Electro Cautery Unit with Vessel Sealing, Haemodialysis Machine with SLED, Haemodialysis Machine (5) + RO Plant (I)+ Online UPS (I), Laparoscopy Set, Mobile C-arm Image Intensifier (Urology), Pulse Oximeter
<b>Neonatology</b>	Irradiance Meter for Phototherapy, LED Phototherapy Unit, Transcutaneous Bilirubin Analyzer, Ventilator Neonatal with HFO, Air Oxygen Blender
<b>Others</b>	Equipment for Radiology, Pathology, Burns/Plastic Surgery, ICU, OT,

*\* Detailed list of Existing Equipment is provided as an annexure to the Information Memorandum*

# MARKET ANALYSIS



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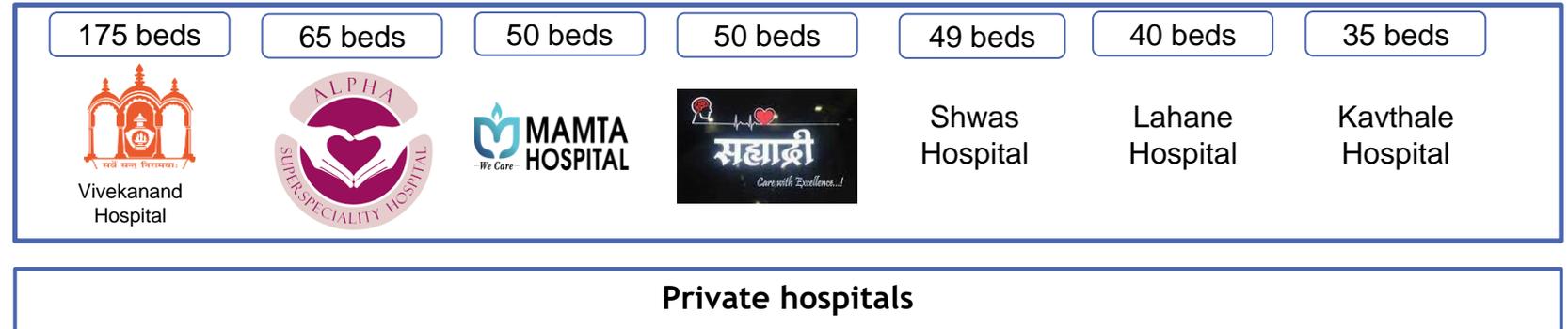
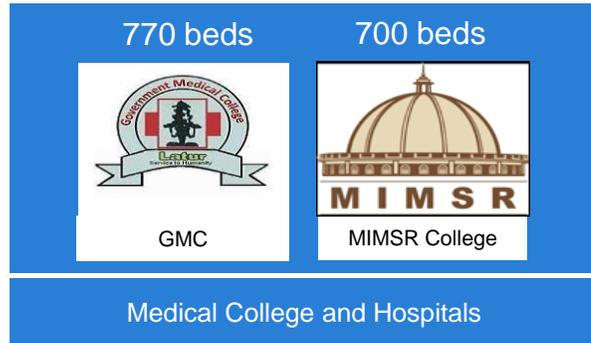
# Latur Catchment Area

*The catchment population dependent on Latur is ~42 lakhs mostly from the peripheral towns and villages in the district within a radius of ~ 50-80 kms*

- The Latur district has very few tertiary and quaternary healthcare centers
- Most hospitals only provide secondary care facilities resulting in a major outflow of the patients to Aurangabad, Mumbai, Pune, and Hyderabad for tertiary and quaternary care facilities
- Latur remains significant for the high inflow of patients from surrounding villages and towns for secondary care

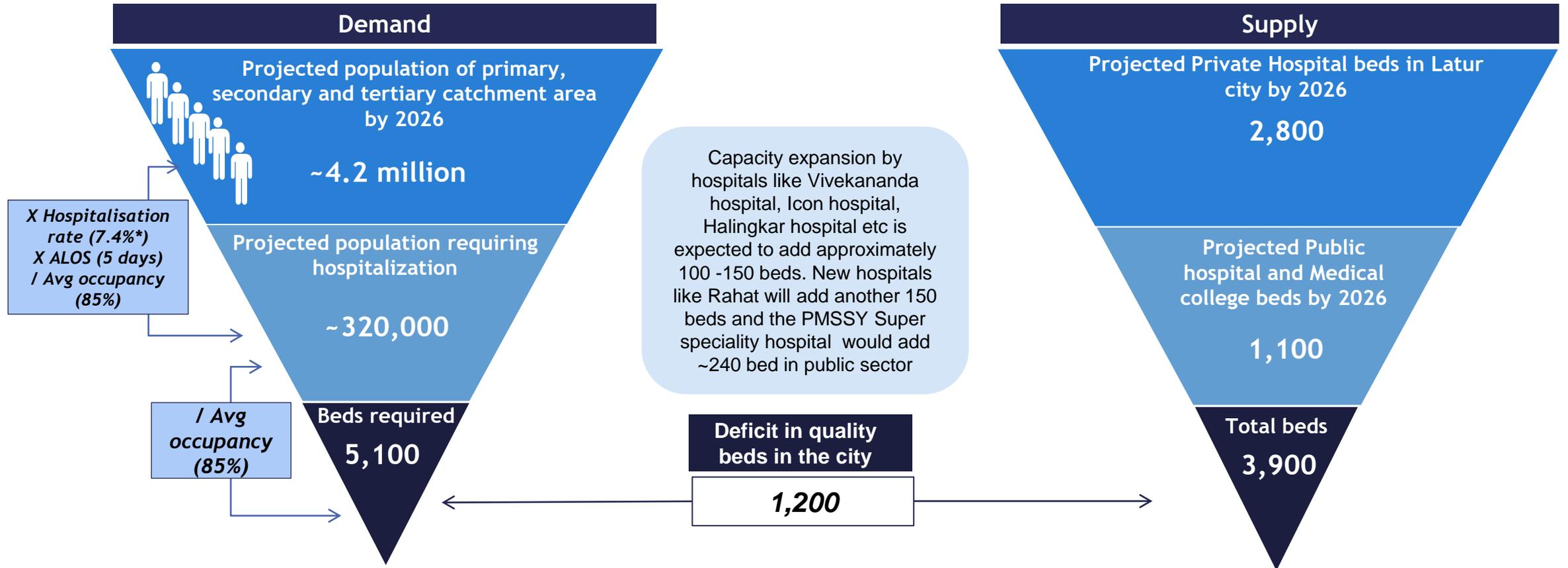
Classification	Primary catchment area	Secondary catchment area
Location	Latur city & district	<ul style="list-style-type: none"><li>• <b>Other districts of Marathwada:</b> Beed, Osmanabad, and Parbhani</li><li>• <b>Districts of other regions:</b> Bidar</li></ul>
Target population base	27 lakhs	~15 lakhs

# Latur Hospital Landscape



- Hospitals like Vivekanand, Alpha, Sahyadri, Mamta etc. are few of the most prominent hospitals in the city.
- **Majority of the hospitals** in Latur are 30-50 bedded **providing secondary care facilities**. There are only **few private hospitals such as Vivekanand Hospital, and Alpha Super Specialty Hospital** that have the facilities to **provide tertiary super specialty care**
- **There exists an opportunity for a hospital with advanced tertiary and quaternary care services**
- There are 2 medical colleges in Latur with a capacity of 700 beds - a) Vilasrao Deshmukh Government Medical College and b) MAEER's Maharashtra Institute of Medical Sciences & Research
- **There are 19 private hospitals empanelled under MJPJAY in Latur**

# Demand Supply Gap



**The bed deficit is expected to reduce in Latur because of the slowing of the population growth and addition of beds in private and govt. hospitals**

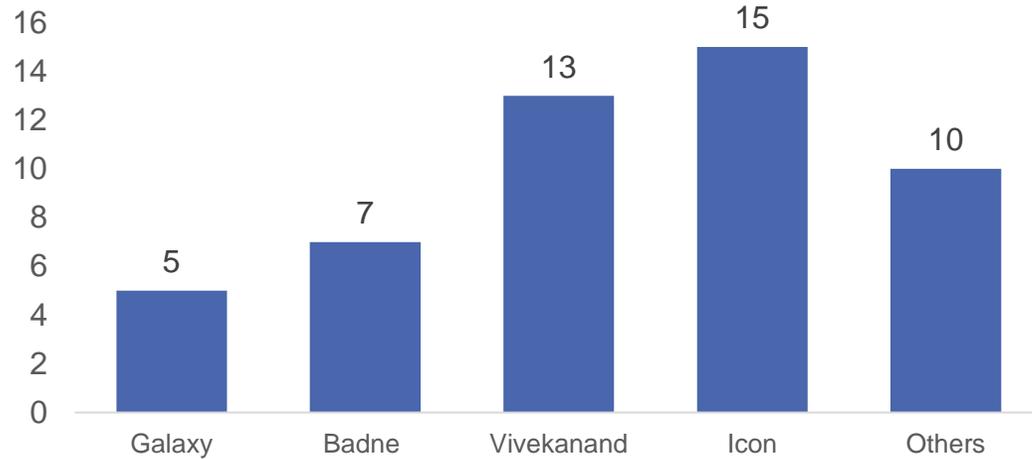
*Note: \* The hospitalisation rate was arrived by using average of age-wise hospitalisation rates for developed markets and the NSSO 75<sup>th</sup> round data. These were then applied to the population of Catchment area to arrive at a weighted average hospitalisation*

# Surgery Gap Analysis

	Coronary Angiogram (CAG)	Coronary Angioplasty (PTCA)	Cardiovascular & Thoracic Surgery (CVTS)	Neurosurgery	Urosurgery
Estimated Demand for Surgical Interventions	7,600	2,300	770	7,500	14,200
Number of surgeries performed	5,600	1,400	130	1,600	7,200
Demand Gap	2,000	900	640	5,900	7,000
<b>Percentage Demand Gap</b>	<b>27%</b>	<b>39%</b>	<b>83%</b>	<b>79%</b>	<b>49%</b>

- Majority of the patients prefer to travel to major cities for availing treatment for any major ailments
- Currently patients seek cardiac treatments in other cities leading to a lower demand gap.
- There is a significant supply gap in neurosurgery and CVTS super specialties

# Dialysis and Renal Procedures Gap Analysis



## Dialysis Scenario

- Latur has 3-4 qualified nephrologists in the city
- There are 5-6 dialysis centers in the city, mostly within hospitals
- ~20,000 dialysis sessions are done per year across Latur
- There are around ~50 dialysis machines in Latur
- Icon hospital has the highest number of dialysis machines ~15 followed by Vivekanand hospital

## Renal Transplant Scenario

- There are no centers in Latur performing renal transplants

<b>Total patients requiring Dialysis including inflow from neighbouring regions*</b>	~2,180
<b>Total Sessions per year</b>	~226,650
<b>Total machines required</b>	210
<b>Total machines at present</b>	50
<b>Current Deficit of machines</b>	160

*There are an estimated 50 dialysis machines in Latur. Latur has an additional requirement for ~160 machines*

# BIDDING FRAMEWORK



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# Site Visit and Validation

- Bid Documents will be issued at <http://mahatenders.gov.in>
- Prospective bidders are invited to inspect and evaluate the Site and Existing Equipment in greater detail after purchase of Bid Documents
- Independent verification to satisfy prospective bidders of the suitability and adequacy of the Project site, hospital building, hospital facilities and existing equipment for operating and maintaining the Latur SSH
- All such visits and studies will be undertaken by prospective bidders at their own cost

# Bid Structure



## Envelope I

### Documents

- Power of Attorney
- Bid Security
- Performance Security
- Copy of Draft O&M Agreement with initials on each page
- Joint Bidding Agreement, if applicable



## Envelope II

### Financial Criteria

- Average annual turnover from healthcare operations (hospital, diagnostics, laboratories) for last 3 years – at least INR 25 crores

### Technical Criteria

- Operation of at least 1 super-specialty hospital with over 100 beds including tertiary services over last 5 years

### Legal Criteria

- Consortium members are properly constituted
- Details of any ongoing litigation involving any consortium member



## Envelope III

### Technical Proposal

- Bidder Profile including Organization structure, current coverage of healthcare services etc.
- Specialties to be offered and timelines
- Specialists to be Recruited

### Financial Proposal

- Premium Amount

# Indicative Bid Timeline

Event Description	Date
Issuance of RFP and the draft O&M Agreement	T
Official Site Visit	To be announced
Pre-Bid Conference	T + 30 days
Last date for receiving queries from Prospective Bidders	T + 35 days
Response of the Authority to the queries	T + 45 days
Last date for independent Site visit	T + 53 days
Issuance of Addendum and final Bidding Documents	T + 60 days
Bid Due Date and time	T + 75 days, at 17:00 hours (IST)
Opening of Technical Bids	T + 75 days, at 17:30 hours (IST)
Announcement of the Qualified Bidder(s)	Within 15 days of the Bid Due Date
Opening of Financial Bids	Within 21 days of the Bid Due Date
Issuance of Letter of Award (LOA)	Within 30 days of the Bid Due Date
Signing of the O&M Agreement	Within 30 days of issuance of LOA
Expiry of validity of the Bid(s)	180 days from the Bid Due Date

# Contact Details

*For further information, please contact the undersigned.*

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# THANK YOU



*Creating Markets, Creating Opportunities*

# Existing Equipment at Latur SSH (1/5)

S. No.	Department	Name of Item	Quantity	Name of Company
1	Anesthesia	Anesthesia Workstation with Monitor (Mid End)	5	Wipro GE Healthcare Pvt. Ltd.
2	Anesthesia/ OT	Syringe Infusion Pump (14) +Docking Station (3)	17	Fresenius Kabi India Private Limited
3	Anesthesia/ OT/ICU	Syringe Infusion Pump (70) +Docking Station (12)	82	Fresenius Kabi India Private Limited
4	Anesthesia	Anesthesia Workstation with Monitor (Mid End)	1	Instromedix India Pvt. Ltd.
5	Burns/ Plastic surgery	Green Light Laser	1	Hospimedica International Ltd.
6	Burns/ Plastic surgery	Mobile Examination Light	5	Medi Works
7	Cardiology	Defibrillator with CPR Monitoring and TC Pacing	3	Nihon Kohden India Pvt. Ltd.
8	Cardiology	Defibrillator with ECG Monitor	10	Instromedix India Pvt. Ltd.
9	Cardiology	Echocardiography system with advance 2D facility	1	Wipro GE Healthcare Pvt. Ltd.
10	Cardiology	High End Echocardiography system (4D Echo)	1	Wipro GE Healthcare Pvt. Ltd.
11	Cardiology	Holter System with Work Station	1	Rohanika Electronics & medical Systems
12	Cardiology	OCT & FFR Integrated System	1	St. Jude Medical India Pvt. Ltd.
13	Cardiology	Portable Echocardiography system	1	Wipro GE Healthcare Pvt. Ltd.
14	Cardiology	Single plane cardiovascular catheterization with digital subtraction angiography lab	1	Erbis Engineering company ltd.
15	Cardiology	TMT machine	1	Rohanika Electronics & medical Systems
16	Cardiology	Ultrasonic Surgical Aspirator/ Dissector (CUSA)	1	Biomedicon Services (I) Pvt. Ltd.
17	Cardiology	12 Channel ECG Machine	5	Taurus Healthcare Pvt. Ltd.
18	Cardiology	12 Channel ECG Machine	6	Taurus Healthcare Pvt. Ltd.
19	CVTS	Electric Operated Sternum System	1	Reflection Medical Devices
20	CVTS	Heart Lung Machine	1	Maquet Medical India Pvt. Ltd
21	CVTS	Intra-Aortic Balloon Pump	1	Maquet Medical India Pvt. Ltd
22	CVTS	Suction Machine	21	Cognate India
23	CVTS	Ultrasonic Cautery	1	Olympus Medical Systems India Pvt. Ltd.
24	CVTS	ACT Machine	1	B L Lifesciences Pvt. Ltd.
25 <sub>8</sub>	CVTS	Battery Operated Sternum System	11	Rohit Surgicals Pvt. Ltd.

# Existing Equipment at Latur SSH (2/5)

S. No.	Department	Name of Item	Quantity	Name of Company
26	CVTS	Cell Saver	1	Steranco Healthcare Pvt. Ltd.
27	CVTS/Cardiology	Pulse Oximeter	10	Cardio Care
28	ICU	Infusion Pump (Volumetric)	30	AOV International LLP
29	ICU	Infusion Pump (Volumetric)	39	Silverline Medi-Tech Pvt. Ltd.
30	ICU	Non-Invasive Ventilator	1	Resmed India Private Limited
31	ICU	Non-Invasive Ventilator with Standard Accessories	4	Taurus Healthcare Pvt. Ltd.
32	ICU	Ventilator- High End (ICU)	15	Maquet Medical India Pvt. Ltd
33	ICU/ PerOP/Post OP/ Anesthesia	Multi Parameter Monitor-5 Para	62	Skaray Technologies Pvt. Ltd.
34	ICU/ PerOP/Post OP/ Anesthesia	Multiparameter Monitor	69	BPL Medical Technologies Pvt. Ltd.
35	ICU/ PerOP/Post OP/ Anesthesia	Ventilator- Portable	3	Allied Medical Limited
36	ICU/Anesthesia	Ventilator-Portable	10	Resmed India Private Limited
37	ICU/Perop/ PostOp	Recovery Ward Modular Monitors (10) + Central Monitoring System (I)	11	Instromedix India Pvt. Ltd.
38	Neonatology	Irradiance Meter for Phototherapy	1	Global Medical Systems
39	Neonatology	Irradiance Meter for Phototherapy	1	Global Medical Systems
40	Neonatology	LED Phototherapy Unit	1	Phoenix Medical System Pvt Ltd
41	Neonatology	LED Phototherapy Unit	1	Phoenix Medical System Pvt Ltd
42	Neonatology	Transcutaneous Bilirubin Analyzer	1	Global Medical Systems
43	Neonatology	Transcutaneous Bilirubin Analyzer	1	Global Medical Systems
44	Neonatology	Ventilator Neonatal with HFO	3	Rohanika Electronics & medical Systems
45	Neonatology	Air Oxygen Blender	1	Global Medical Systems
46	Neonatology	Air Oxygen Blender	1	Global Medical Systems
47	Nephrology	Defibrillator with CPR Monitoring and TC Pacing	9	Instromedix India Pvt. Ltd.
48	Nephrology	Dialysis Chair	4	Mid Mark (India) Private Limited

# Existing Equipment at Latur SSH (3/5)

S. No.	Department	Name of Item	Quantity	Name of Company
49	Nephrology	Dialyzer Reprocessing System	3	CURA Healthcare Private Limited
50	Nephrology	Docking Station (5)	5	Fresenius Kabi India Private Limited
51	Nephrology	Hemodialysis Machine with SLED	1	Fresenius Medical Care India Private Limited
52	Nephrology	Hemodialysis Machine (5) + RO Plant (I)+ Online UPS (I)	8	Nipro Medical India Pvt. Ltd.
53	Neurology	EMG-NCV-EP Machine 4 Channel	11	Arena Medical Care Pvt. Ltd.
54	Neurology	High-End Monitor for ICU with CNS (50) + Central Monitoring System (3)	53	Instromedix India Pvt. Ltd.
55	Neurology/ Neurosurgery	Pulse Oximeter	3	India Medtronic Pvt. Ltd.
56	Neurosurgery	Defibrillator with ECG Monitor	9	Instromedix India Pvt. Ltd.
57	Neurosurgery	Endonasal Skullbase Endoscope with Instruments	1	Karl Storz Endoscopy India Pvt Ltd
58	Neurosurgery	Endoscope HD camera System with Accessories	1	Karl Storz Endoscopy India Pvt Ltd
59	Neurosurgery	General Neurosurgery Instrument Set	1	Medilink
60	Neurosurgery	High Speed Electrical Drill System	1	India Medtronic Pvt. Ltd.
61	Neurosurgery	Neurosurgical Operating Microscope	1	Carl Zeiss India (Bangalore) Private Limited
62	OT	Multipurpose OT Table	3	Cognate India
63	OT	Multipurpose OT Table	3	Surgident India
64	OT	Open Surgery Instruments (Set) for General Surgery	1	Vishal Surgical Equipment Co.
65	OT	Operating Microscope (Plastic Surgery)	1	Carl Zeiss India (Bangalore) Private Limited
66	OT	Pneumatic Tourniquet	1	Ahujasons Surgicals
67	OT	Repetitive Transcranial Magnetic Stimulator (RTMS)	1	Hospimedica International Ltd.
68	OT	Suction Machine	10	Cognate India
69	OT	Blood Gas Analyser	1	Siemens Healthcare Pvt. Ltd.
70	OT	C Ann with DSA	1	Trivitron Healthcare Pvt. Ltd.
71	OT/ICU	Transport Monitor	6	Skanray Technologies Pvt. Ltd.

# Existing Equipment at Latur SSH (4/5)

S. No.	Department	Name of Item	Quantity	Name of Company
72	Pathology	Elisa Reader with Washer and Shaker	1	Medispec(I) Ltd.
73	Pathology	Embedding Station with Hot & Cold Table & Paraffin Dispenser	1	Vision Diagnostic India(P) ltd
74	Pathology	Hot Air Oven	3	Genist Technocracy Pvt. Ltd.
75	Pathology	Hot Plate Electrical	2	S.M. Scientific Instruments Pvt. Ltd.
76	Pathology	Incubator	3	M K Scientific
77	Pathology	Microtome- Fully Automated	1	Vision Diagnostic India(P) ltd
78	Pathology	PH Meter	2	S.M. Scientific Instruments Pvt. Ltd.
79	Pathology	Random Access Medium Throughput fully automated chemistry analyser	1	Transasia Bio Medicals Ltd.
80	Pathology	Refrigerated Centrifuge	1	Vision Diagnostic India(P) ltd
81	Pathology	Rotor/Shaker	3	Scigenics Biotech Pvt. Ltd.
	Pathology	Semi-Auto Analyser	1	Transasia Bio Medicals Ltd.
82	Pathology	Water Bath Serological	3	Micron Instrument Industries
83	Pathology	Autoclave (Vertical)	1	Sudheer Scientific Works
84	Pathology	Binocular Microscope	10	Sudheer Scientific Works
85	Pathology	Blood Cell Counter 5 Part	2	Rapid Diagnostic Pvt. Ltd.
86	Pathology	Centrifuge	3	Laby Instruments Industry
87	Radiology	Computerized Radiography Unit	1	Agfa Healthcare India Pvt. Ltd.
88	Radiology	Mobile X-ray Machine	1	Skanray Technologies Pvt. Ltd.
89	Radiology	Portable -Colour Doppler	1	Wipro GE Healthcare Pvt. Ltd.
90	Radiology	500 mA HF X-Ray Machine	1	General Medical Equipments
91	Radiology	Color Doppler System-4D	1	Wipro GE Healthcare Pvt. Ltd.
92	Radiology	Transventricular Endoscope and instruments	1	Karl Storz Endoscopy India Pvt Ltd
93	Urology	Electro Cautery Unit with Vessel Sealing	6	Alan Electronic Systems Pvt. Ltd.

# Existing Equipment at Latur SSH (5/5)

S. No.	Department	Name of Item	Quantity	Name of Company
94	Urology	Laparoscopy Set	1	Rohit Surgicals Pvt. Ltd.
95	Urology	Mobile C-arm Image Intensifier (Urology)	2	Triviron Healthcare Pvt. Ltd.
96	Urology/ Nephrology	Pulse Oximeter	10	Skarray Technologies Pvt. Ltd.